

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(epping and hermann).inv.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/22 13:20
L2	90	362/ ??? and bulb and (vertical with fins)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/22 13:22
L3	34	("2372874"   "2561756"   "2587807"   "3210875"   "4157584"   "4387415"   "4574336"   "4704660"   "4713738"   "4740870"   "4811172"   "4947293"   "4947305"   "5113322"   "5122933"   "5136491"   "5184883"   "5420763"   "5432876"   "5441326"   "5483427"   "5495400").PN. OR ("5752760").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/22 13:44
L4	38	("6048301"   "6149283"   "6207229"   "6758582"   "6746885"   "7198387"   "20010045573"   "6048616"   "6465961"   "6504301"   "20020191403"   "20050151708"   "20050207177"   "20030156416"   "5758951"   "6252350"   "6366033"   "6746885"   "20040105262"   "20040264187"   "20050237005"   "20080137360"   "7160012"   "6586882"   "6102559"   "20020041499"   "6734465"   "20050111234"   "6814470"   "20040141336"   "20050135105"   "5984496"   "6234648"   "7226189"   "6683325"   "20030076051"   "6356700"   "7182597"   "5749646").PN.	US-PGPUB; USPAT	OR	OFF	2011/10/22 13:49
L5	281	(362/228).COLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/22 13:51
L6	49	5 and LED	USPAT	OR	OFF	2011/10/22 13:53
L7	83	15 and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/22 13:53
S105	18	("20050174780"   "20080316755"   "20090040759"   "20090073688"	US-PGPUB;	OR	OFF	2011/04/21 19:39

		"20090073689"   "20090244896"   "20090262530"   "4271408"   "6448900"   "6561690"   "6682211"   "7048412"   "7144135"   "7242028"   "7440280"   "7568817"   "7593229"   "7651253").PN. OR ("7874700").URPN.	USPAT; USOCR			
S106	336700	yamada	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:44
S107	31859	yamada.inv. and light	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:44
S108	1507	yamada.inv. and LED and reflect\$4	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:46
S109	280	yamada.inv. and LED and reflect\$4 and epoxy	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:47
S110	79	yamada.inv. and LED and reflect\$4 and epoxy and short and circuit	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:47
S111	21	yamada.inv. and LED and reflect\$4 and epoxy and short and circuit and cylinder	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:48
S112	0	(shomei and yamada).inv. and LED and reflect\$4 and epoxy and short and circuit and cylinder	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:49
S113	0	(shomei and yamada).inv.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:49
S114	2856	(362/800).COLS.	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/13 17:53
S115	326	"I0" and filament	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/13 17:53
S116	331	S114 and filament	US- PGPUB; USPAT; EPO; JPO;	OR	OFF	2011/10/13 17:57

			DERWENT			
S117	7	S114 and (filament with (resembl\$4 appear\$4 look))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/13 17:57
S118	9	S114 and (filament with (resembl\$4 appear\$4 look))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:57
S119	77	362/ ??? and (filament with (resembl\$4 appear\$4 look)) and LED not S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 17:59
S120	247	(@ad<"20030305" or @rlad<"20030305") and (phosphor luminescent) with (enclosure globe bulb) and 362/???	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 18:30
S121	106	(@ad<"20030305" or @rlad<"20030305") and (phosphor luminescent) with (enclosure globe bulb) and 362/???	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 18:36
S122	2	"20030039122"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 18:45
S123	0	(@ad<"20030305" or @rlad<"20030305") and (nanophosphor) with (enclosure globe bulb) and 362/???	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 19:12
S124	10	(@ad<"20030305" or @rlad<"20030305") and (nanophosphor) and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/13 19:14
S125	1095	LED and bulb and (insulat\$4 with (housing interior))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 09:05
S126	1014	LED and bulb and (insulat\$4 with (housing interior)) and (circuit pcb control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 09:05
S127	72	LED and globe and (insulat\$4 with (housing interior)) and (circuit pcb control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 09:08
S128	26	("20090322197"   "20100025700"   "7213940"   "20090103296"   "20090316383"   "7213940"   "20070223219"   "20090103293"	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2011/10/20 09:11

		"20090101930"   "20090101930"   "20040159846"   "20080080165"   "7618157"   "20100201284"   "20080128735").FN.	DERWENT			
S129	0	("2010/0219735").URPN.	USPAT	OR	OFF	2011/10/20 09:13
S130	796	(sakai).inv. and LED	USPAT	OR	OFF	2011/10/20 09:14
S131	1389	(sakai).inv. and LED	US-PGPUB; USPAT	OR	OFF	2011/10/20 09:14
S132	50	S131 and (bulb globe)	US-PGPUB; USPAT	OR	OFF	2011/10/20 09:14
S133	16	("2336556"   "2732532"   "3573534"   "3897124"   "5039905"   "6323588").PN. OR ("6582269").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/20 09:15
S134	25	("5857767"   "7198387"   "20060215408"   "20070041182"   "20050073244"   "20060239002"   "5537301"   "7144140"   "5785418"   "20100096992"   "20040120156"   "6814470"   "20100289396"   "20060193130"   "20030137838"   "5775792"   "6982518"   "7431477"   "20050111234"   "20050162864"   "7226189"   "20100026157"   "20080037255"   "20060043546"   "20060193139").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/10/20 09:24
S135	538	(362/363).CCLS	USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/20 10:43
S136	8	S135 and (wire with bond\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/20 10:44
S137	308	362/ ??? and slug	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/10/20 13:10
S138	10	(@ad< "20030305" or @rlad< ""20030305"" and (nanophosphor) and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 13:10
S139	1979	(@ad< "20030305" or @rlad< ""20030305"" and (slug) and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 13:13
S140	399	(@ad< "20030305" or @rlad< ""20030305"" and (slug with heat\$4) and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 13:17
S141	200	(@ad< "20030305" or	US-	OR	ON	2011/10/20

		@rlad<"20030305" and (slug with heat\$4) and LED and (globe bulb)	PGPUB; USPAT; EPO; JPO; DERWENT			13:17
S142	41	(@ad<"20030305" or @rlad<"20030305" and (slug with heat\$4) and LED and (globe bulb) and 362/ ???	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/10/20 13:17
S143	6	2002/0041499	US- PGPUB; USPAT	OR	OFF	2011/10/20 17:38
S144	1	"20020041499"	US- PGPUB; USPAT	OR	OFF	2011/10/20 17:38
S145	1	"10555721"	US- PGPUB; USPAT	OR	OFF	2011/10/20 17:52

10/ 22/ 2011 2:35:00 PM

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